GEOLOGICAL SURVEY
OF
CANADA

G.S.C. 145-S

#442. substrate <ionic character>/
1. acidic/
2. calcareous/
3. halophytic/
4. nitrophilous/

#443. substrate <particle size>/
1. rock/
2. gravel/
3. sand/
4. silt/
5. clay/
6. moss/

#444. substrate <organic content>/
1. peat/
2. low organic content/
3. high organic content/

#445. substrate <drainage>/
1. aquatic/
2. imperfectly drained <moist areas>/
3. seepage slopes/
4. solifluction slopes/
5. dry/

#446. <habitat in the Arctic Islands>/
1. wet meadows/ seashore
2. turf hummocks/
3. snow beds/
4. around the margins of ponds/
5. depressions of low centre polygons/
6. marshes/
7. along streams/
8. along river terraces/
9. lake shores <<specify beaches or swales>>/
10. tundra/
11. slopes/
12. ridges/
13. cliffs/

CANADA

Department of Energy, Mines and Resources

Geological Survey of Canada

NOTE BOOK

No

SEASON OF 1992 – 98

PROVINCE

DISTRICT RESEARCH DIVISION, CMN

NAME OTTAWA K1P 6P4

CHIEF OF PARTY SUSAN AIKEN

Any person who finds this book will confer a favour by mailing it, post free to: —

THE DIRECTOR,
Geological Survey of Canada,
Department of Energy, Mines and Resources,
OTTAWA, Ontario.

G.S.C.
145-S

ON GOOD PHONE OPERATING

1. *Listen much . . . with care.* Avoid distractions in your operating room. Tune the band well after each call.
2. *Time your calls; monitor your own frequency.* Call only when a station is free.
3. *Make short calls, with breaks to listen.* Speak clearly, at a steady, modest rate. Three short calls are better than one long one.
4. *Use push-to-talk technique . . . speak near the mike.* Watch the modulation indicator. Keep local background noise at a minimum.
5. *Make notes. Avoid missing points for comment.* Jot down topics to avoid repeats.
6. *Talk in connected thoughts and phrases.* Notes will help avoid mixing up subjects. Push-to-talk technique will keep brother amateurs from calling you a monologuist.
7. *Speak naturally.* QSOs need not be cut and dried. Make them interesting. Avoid exhibitionism. Use proper operating form to promote efficiency in communication and add respect and prestige for your station.

Use of this standard list is recommended by ARRL. Haphazard selection of words often results

Alphabet

(International Civil Aviation Organization)

	A	ALFA	
	B	BRAVO	
	C	CHARLIE	
	D	DELTA	
	E	ECHO	
	F	FOXTROT	
	G	GOLF	
	H	HOTEL	
	I	INDIA	
	J	JULIETT	
	K	KILO	
	L	LIMA	
	M	MIKE	
	N	NOVEMBER	
	O	OSCAR	
	P	PAPA	
Please repeat	**Q**	QUEBEC	① Call
	R	ROMEO	② IDENTIFY
	S	SIERRA	
	T	TANGO	
	U	UNIFORM	
	V	VICTOR	
	W	WHISKEY	
Roger [I understand]	**X**	X-RAY	How do you copy
	Y	YANKEE	
OVER AND OUT	**Z**	ZULU	Do you read me

SIGNING OFF AND CLEAR

Festuca

92-006 NWT: Melville Island
Murray Inlet; west arm.

75° 19·38 N; 114° 32·17 W
July 22, 1992. Gravel river bed and adjacent eroding slope
Selected as F. hyperborea

92-007 Festuca brachyphylla
as 92-006
Gravel bar beside river and adjacent eroding slope. at edge of valley

92008 Bathurst Island. Polar Bear Pass
75° 43'N; ~~48~~° 98'W
98

Tundra adjacent to Museum Station. 26 July 1992

Alopecurus alpina
Samples from nitrogen enriched area; barren tundra and snow patch region

92-009 Poa abbreviata
From nitrophillous site just heading up. Elsewhere on tundra common but not in flower. Previous season's inflorescences commonly present

92-010 Puccinellia vahlianum ?

leaves with purple green tinges
Roots some what crinkled. Plants from
nitrophillous area. Smaller versions
occasional on tundra.

92-010
Poa arctica (?) / Puccinellia

(N.B. Just heading up). Plants from nitrophillous
site. Smaller versions sparse elsewhere on
adjacent tundra.

92-012 Cerastrium alpinum.
Flowering on nitrophillous sites common
elsewhere on tundra.

92-013 Draba
(yellow + hairy leaves)
Relatively abundant: Variable in size

92-014 Draba
(white flowers)
mixed collection (?)

92-015

Arenaria sp.

Relatively sparse on tundra. both frost cracks and open ground.

92-016. Saxifraga cernua

Large plants from nitrophillous area Often tiny with just a few leaves in Frost cracks.

92-017 ? Braya purpurascens

Flowering on nitrophillous site Sparse elsewhere on tundra

92-018 Saxifraga caespitosa

Just coming into flower Relatively common

92-019 Salix arctica

♂ & ♀ plants in full flower Sparse - common in area.

92-020 Papavera lapponicum

Marked variation in size apparently related to nutrient level and exposure of site

92-021 Saxifraga flagellaris

Sparse and predominantly on South facing slope.

92-022 Saxifraga nivalis 2
Relatively sparse: sometimes minute as 2-3 leaves and plant not flowering in frost cracks

92-023 Dryas integrifolia
Small mats on tundra.

92-024 Saxifraga oppositifolia
Often forming dead black patches in frost cracks

92-025 Oxyria digyna
occasional
Weather 26 July 6.45 pm
~~Min = 4 °C~~
Max = 9.2°C

~~Wet bulb 4°C~~ } 4.8
Dry bulb + 9°C

Wind 5knots Direction 16 (Wind Direction 16)
~~South South EAST~~

Clouds ~~1/10~~ 7 TENTHS Broken strata to ALTO cumulus
Visibility unlimited

6500 - 8,000. Very light rain
[T

92-026 Stellaria longipes
Occasional and usually tiny

92-027 Arenaria (et al)

92-028 Luzula

92-029 Festuca ?
Bathurst Island
Humphries Hill off Young Bay
76°25' 30' N 99° 21' 26" W
150 a s l.
Saxifraga barrens

27 July 1992 6·45 am SKY CONDITIONS
Clouds 9/10 ALTO STRATUS
9/10 OVERCAST
ESTIMATED 15-20-000
VISIBILITY 5 PLUS

Minimum 5°
Max 9
Dry bulb 6
Wet bulb 3
WIND 4-7 KNOTS at 11 E S E
very light rain.

92-030
Bathurst Island; Polar Bear Pass
Samples taken for study of
F. hyperborea study
75°43'N; 118°98'W.

92-031 BATHURST ISLAND; DUNDEE
BIGHT 75°54'32"N; 99.49.33"W.
954' abs.
Saxifraga oppositifolia plants.
Festuca occasional in frost cracks
24 July 1992
D. Harvey
L. Hauss
[SINGLE CELL OF PLANTS]

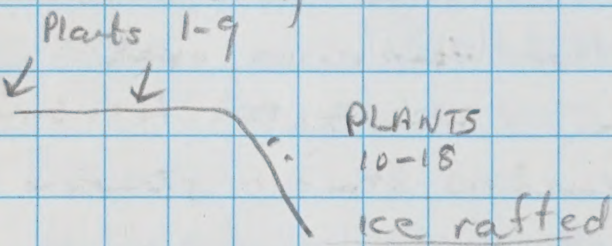
92-032 Cornwallis Island, ABBOT RIVER,
75°14'N, 95°41'W, Cape Phillips
Formation: calcareous shales interbedded
with Limestone. Middle Silurian
Wed 29 July
ASSOCIATED SPECIES
2 categories of moss; finger lichen, crustose
Saxifraga oppositifolia, S. cernua
Cerastrium alpinium

92-033 SOMERSET Island: Creswell Bay
WHERE EAST ARM OF CRESWELL RIVER ENTERS
A SHALLOW BAY Festuca baffinensis
72°46'N; 93°01'W 30 July 1992 (over)

Touched down at SOMERSET Island:
Cunningham Inlet Dryas mats,
limited Saxifraga oppositifolia,
SMALL WET FROST BOILS, Luzula common.
Poa abbreviata sparse. Wallflower
- Would require a gun and much hiking
to WORK THIS SITE.

SOMERSET Creswell Bay. Luzula barrens
and much very wet ground. Trouble finding
enough dry ground to land on

92-033 (cont.) Samples 1-9 from
around lemming burrows. Samples
10-18 from gravel slope facing ocean,
probably the site of a late snow patch.
Samples 8 and 9 from densely packed
tundra
Populations adjacent but presumably
not interbreeding



92-034 Phippsia algida
Melville Island: Rae Point
Very saline area at coast line end of
runway, Plants sparse
Some roots with conspicuously
well developed rhizosphere. 22 July 1992

Cameron Island 1 August
Very wet saline Luzula/Moss barrens with Saxifraga cernua, nivalis caespitosa. No obvious Sax. oppositifolia

~~Bent~~ Bent Horn 76° 19'.5"N
104° 05.2W PAN ARCTIC OIL WELLS
Lots of Phippsia algida on disturbed ground beside runway. 1 preanthesis Puccinellia
Area beside runway; side further away from seashore.
No Festuca.
92-035 Phippsia aligida
No obvious rhizospheres on roots in peaty soil. Veneer of runway sand over black peat

HAZARD INLET Sommersot Island
1 August. LARGE FLAT SHALE PIECES WITH SHARP EDGES. Very little soil build up
Dryas mats with Luzula, Saxifraga opp. (limited amounts or black dead mats)
Lichens noticeable, Arctagrostis latifolia patch. Carex aquatilis stans in standing water. BLOCK CARBONATE.
LIMITED SOIL BUILD UP.
92-036 as 92035
Luzula confusa.
Conspicuously small plants in dense moss on black peaty soil. Snow around plants
1 Aug.

92-037 Ranunculus.
as 92-035.
Relatively common in damp moss patches

92-038 Saxifraga rivularis
as 92-037

92-039 Saxifraga nivalis
as 92-037

92-040 Saxifraga cernua.
as 92-037
[Leaves almost glabrous cf. collection at Polar Bear Pass

NB. SOMMERSET Island mainly "block carbonates". Not much soil.

TOUCH DOWN AT TRUELOVE; DEVON ISLAND 5 AUGUST 1992. VERY WET LOWLANDS; VERY "PRODUCTIVE". Landed on drier beach ridge. A very great contrast to Polar Bear Pass Drier beach ridge: thought I saw 2 Festuca brachyphylla as we landed, but we did not stay long enough to check. Lots of Carex/Luzula swampy areas.

Devon Island: S.W. Corner 75°06'99";
91°19'38" W. Gravel River bed beside
"coral reef" formation being studied
by Owen Dickson + N. Sweet; OTTAWA
UNIVERSITY 5 August 1992

[ONLY TIME TO COLLECT 2 plants]

Sparsely vegetated with Saxifraga oppositifolia on most of the area.
Small area of soil build up had Festuca, Salix arctica Poa abbreviata, Luzula, Juncus biglumis, Cerastium alpinium, and C. regellii

92-041 Festuca
ONE OF THE PRESSED PLANTS HAD UPPER CULM LEAF 7mm long; 1mm WIDE; conspicuously flat.
[Voucher for isozyme specimen]

92-042 Cerastium regelii Ostf.
"calcareous wet soil build up
in gravel river bed.
One sample intertwined with
Cerastium alpinium

N.W.T.; Cornwallis Island

92-043. Resolute: Road to radio Station in area beside creek opposite May Island

92-043. Poa artica
Rare around Resolute. Vegetatively proliferating form collected near Eskimo Village site 1991
3 Aug. 1992
Nona Niven
74°44'N ; 95°04'N

? 92-044 Phippsia algida
Lush growth on disturbed ground
[Check for Puccphippsia]

? 92-045 Arenaria Rossii R.Br.
Well established mats in disturbed ground.

92-046 as 92-045. Draba

NONA NAVIN c/- Helen Kellington
1-403-873-7930. YELLOWKNIFE ARCHITECT

92-047 ? BRAYA purpurascens
as 92-043
WHITE + PURPLE GROWING CLOSE
TOGETHER.
COMMON IN DITCH AND ON DISTURBED
GROUND WITH BLOCKY CARBONATES
6 Aug. 1992

92-048 Cruciferae / Brassicaceae
as 92-047
Distribution Sparse

92-049 Draba
as 92-043
Common.

92-050 Festuca
as 92-043
[Rare]

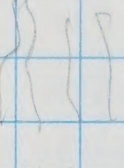
[92-051 3 STRUGGLING PLANTS Festuca
24 July Bathurst Thule Site [DIED]]

92-051
74°45'N, 95°04"N
Resolute Road near radio towers
Relatively undisturbed Frost boil
tundra. [Fri 7 August (7:30pm!)]

8 AUG

Festuca conspicuously not at higher elevations near radio tower even in likely looking habitat with many previously seen associates "Too high?". Frost crack polygons and Sax. opp. barrens.

Photographed "new"
Associates
Poppy Sax. caespitosa Moss
Cerastium regelii Stellaria "Yellow" Draba
(nearby Sax. cernua Alopecurus
"Purple" Arenaria "crypogamic crust"
Photographed plants 3-4 m apart
F. hyperborea in small patch of cryptogamic crust with poppy
Another "New" 1.5 m away on adjacent "line" of organic matter build up also "cryptogamic crust,
First photographs west side of road
East side of road "new" abundant in much wetter ribbon fen



Growing on mineral soil and on the edges of
moss Luzula Alopecurus
Saxifraga caespitosa, Stellaria sedges
No Sax opp in area, lots of Cerastium regelii + yellow Draba
Alopecurus

Thuile Site excavated 1949-1953
~~ESKIMO~~ VILLAGE RESOLUTE

Occupation from about 1400 AD
Festuca hyperborea "Meadows"
Very common in Crytogamic mat well
Cerastium alpinum, Poppy, Stellaria
Saxifraga oppositifolia.
Dry gravel nearby   Well drained
Much "fine" leafed Dupontia + Alopecurus
Poa abbreviata also on mineral soil

c 1650 climate cooled and whales no longer came in

92-052. Plant 1 about half the plant photographed on gravel as an exceptionally large plant of Festuca hyperborea
Plant growing on dry gravel at turn around for Thuile Village.
Resolute Bay 74° 4?'N 95° 0? W.
9 Aug 1992

92-053 BAFFIN ISLAND, ARCTIC BAY
73° 00.27 N; 85° .01' W
BETWEEN RUNWAY AND OCEAN
AREA 99% ground cover
Dryas, Cassiope, Salix arctica
Lower areas with 2 species cotton grass
Festuca brachyphylla on the tops of frost boils
10 Aug.

ALSO present unvouchered
Hierochloe alpina.
Arctagrostis latifolia
Salix arctophila
Stellaria longipes
Poa arctica

92-054 Oxytropis maydelliana Trautv.

as 92-053 - Relatively abundant.
on hummocks in the tundra.

92-055 Saxifraga tricuspidata
Occasional near rocky outcrops of tallus
blocks.

92-056 Pedicularis capitata Adams
IN mossy areas between hummocks with Luzula

92-057 Pedicularis lanata Cham. & Schlecht
Youngest flowers near shoreline. Fruiting
heads on higher, drier, warmer ground near
landing strip.

[Silene acaulis
Forming a conspicuous mat at the base
of a talus slope beside the runway.]
[Not PRESSED]

92-058 Festuca hyperborea
Bathurst Island 10 KM. WEST OF FRANK
MILLER'S CWS CAMP. NEAR WALKER RIVER.
75°60'N 97° 51" 41'W.
Dense frost crack polygons; black
cryptogamic Saxifraga oppositifolia
"HUMMOCKS", Poppy Draba Moss
Abundant Lichens

92-059 Festuca hyperborea
Bathurst Island
Weather Station in Polar Bear Pass
75° 44' 12" N 98° 14' 13" W.
Saxifraga oppositifolia polygon tundra
Oxyria, Alopecurus, Plants growing
in cryptogamic crust especially around
lemming disturbance and in frost cracks
Poppy Cerastium, No Dryas

92-060 Festuca ? sp.
Separated but as 92-059.
Plants
Lighter green tending to have flat leaves

92-061 Festuca
Polar Bear Pass
12 Aug 1992

92-062
Little Cornwallis
75° 26' 12 N   96° 53 52' W
3 miles from mine on slope about
300' above sealevel.
Plants growing in deep moss
Plants 1-7 & 9 almost choked by dense
moss

Saxifraga oppositifolia   Sax. nivalis,
Sax. Cernua   Poppy   Luzula confusa

92-063   Dactylis glomerata
Wemidgi   Seeding experiment

92-063A.   Bromus inermis
Ellesmere Island
Vendom Fiord Camp.   25 July 1993
78° 06.76"N   78-06 N
82-29.19 W.   82 29 W

93-012   Sax. tricuspidata Rottb.
Hillside to the west side
of Vendom Fiord
Growing in frost crack in
tundra with Dryas and
Salix arctica.
Very dry calcareous site   Video + close up.

93-013 Pedicularis hirsuta L.
as
93-012 in sedge of sedged fen
with willow + Luzula & Dryas
Voucher for media
78.03.93 / 82.47.88 W.

93-504 Festuca brachyphylla.
Ellesmere Island, Vendom Fiord.
78° 04' N 82° 48' W.
Much of the collection growing on lemming burrows. (Plants 1-22). 5 plants scattered on disturbed slope. Commonly growing with Alopecurus alpinus & Poa glauca, Luzula confusa & Salix artica
Plants 1-9 First lemming burrow
10-17 2nd lemming burrow
18-27 - random

93-505 Festuca baffinensis
as 93-504
On North facing eroding slopes beside small stream flowing into main river entering Vendom Fiord.

93-014 Saxifraga oppositifolia
as 93-504. Growing inside Cook tent set up 13 June. Etiolated forms developed by 26 July 1993

93·015 Epilobium latifolium
Vendom Fiord river gravel till
26 July
Carmen Lee.

93·016 Saxifraga aizoides L
as 93-015

93-017 Melandrium apetalum
as as 93-015

93-018 Composite with green bracts
and brown edges as 93-015

93·019 Polygonum viviparum L.
as 93-015

93-020 Saxifraga oppositifolia
as 93-015

93-021
27 July Ellesmere Island
78·25·31 N 82·47 00 W'
Festuca edlundii?
limited to frost cracks
with Salix Poa arctica + glauca
" Agropogon violaceum in area
shallow flats
Yellow till in limited area near where
we landed. Acid rocks and Cassiope nearby

93-022 27 July = 506
Ellesmere (site 2)
Eureka Formation (yellow tills)
Festuca edlundii with
Deschampsia caespitosa ssp. b.
isolated plants on till at bottom of a
run off slope
[Eureka Sound "Mount Moore" formation sandstone]
till Margaret

78. 46.95 ; 082' 25" 40
78. 49' 82. 25
700'

93-023
Site 3) Festuca hyperborea = 507.
Ellesmere, Bay Fiord Mount Bell opposite Marie
78.49 N 82°39'W 55
82. 39 W

Behaving/growing almost as a sand binder
on very white sandy outcrops or in wet
moss at the bottom of the valleys

93-024 Festuca "brachyphylla"
as 93-023. Growing on "black"
Eureka Sound Margaret Formation
on a solifluction slope

93-025 Poa abbreviata
as
93-021

93-026 Potentilla

93-027 "Agropyron latiglume"
as 93-021
93-028 Erysimum pallasii
93-029 Sil
Moss campion

Grassy with Dryas Cassiope, Arctic willow
Densely vegetated ~~run off~~ at the bottom
of a well drained gravel ridge beside
river 28 July as 93-504

93-030 Kobresia? v. Carex nardina ?
sparse
Snow patch. Edge of eroding bank
beside river Grassy near Dryas,
Salix arctica (Pussy toes)

93-031 - Carex misandra R.Br.
as 93-504
Dense vegetation with Dryas, Salix
Bistort + Pedicularis

93-032 Pedicularis lanata
Common ~~as~~ tundra at (93 504) for seed

93-033 Caryophyllacea
Gravel flat in river delta
29 July.

93-034 Juncus biglumis - Dry
34a wet
93-035 as 92033

93-036 Lesquerella arctica

93-037 Carex membranaceae
Wet outwash plain in Delta
93-037a Salix arctica
93-038 Cerastrium.
Semi-moist drainage plain

93-039 Saxifraga cernua
as 93-038

93-040 Festuca brachyphylla

93-041 " baffinensis

93-042 Poa (proliferating)

93-043 Equisetum scirpoides =

93-044 Salix arctophylla

93-045 Deschampsia caespitosa ssp brevifolia
Wet

93-046 Arenaria

93-047 Cerastium [illegible]
beside drainage stream near shoreline

93-048-a Draba (Two species
as 93-047.

93-049 Dupontia fisheri

93-050 Carex stans.
Moist meadows at head of fiord.
93-051 Carex maritima

93-052 Cochlearia offinalis
Salt flats
93-053 Puccinellia phryganodes

93-054 Pedicularis capitata
Slumped slope on side of narrow ravine. Common in similar sites in the area. 29 July 1993.

93-055 Stellaria crassifolia Ehrh
as 93-054

93-056 Draba
as 93-054.
Relatively rare

93-057 Eriophorum triste (Th. Fr.)
Hädac and Löve
Moist sedge ridged fen with Dryas
and Cassiope on ridges with Eriophorum.

93-058 Dryas integrifolia.
as 93-057.
Extremely abundant : Late flowering specimen
rare in the area

93-059 Cassiope tetragona (L.)
D. Don.
as. 93-058.
Arctic heather is very common, in the
area. This specimen is flowering relatively
late for the area.

93-060 Oxyria digyna
Smaller specimen on outwash plain
Moist, sand, habitat.
Larger specimen as 93-054.

93-061 Eriophorum Scheuchzeri
Hoppe.
Moist sand beside river bed.

93-062 Trisetum spicatum
as 93-054

~~93-063 Dupontia fisheri~~
93-063 Equisetum variegatum
Schleich

[93-064 Equisetum scirpoides
compact & elongate forms
already in as 93-043]

93-065 Stellaria longipes
Voucher for photograph
Sverdrup Pass

93-066 = 508
Ellesmere Island, Sverdrup Pass
79°08'N ; 79°50'W 1 Aug. 1993
Festuca brachyphylla
Occassional beside streams on granite rocks on the southern side of the pass, near glacier

93-067 Puccinellia sp
as 93-050

93-068 Puccinellia phryganodes
as 93-050

93-069 as 93-066
Wet meadow on dolomite run off

93-070 Saxifraga hirculus
Behind Thule site in marshy conditions
Voucher for photograph + video
Aug 6.

93-071 Saxifraga caespitosa
Moist ground as 93-070

93-072 Saxifraga nivalis
as 93-071 occasional

93-073 Saxifraga cernua
Rocky barrens
as 93-070

93-074 Poa abbreviata
as 93-070.

93-075 Puccinellia vahliana

93-076 Ranunculus sulphureus
as 93-071

93-077 Arenaria
Rocky open tundra near Resolute Lake.

93-078 Draba (yellow flowers)

93-079 Semaphore grass

93-080 Dupontia

93-081 Phippsia

93-082 Alopecurus alpinus

August 1996
Ellesmere Island,
Tanquary Fiord, Tanquary Camp.
80° 25' N ; 77° W

Festuca brachyphylla. Tall and short specimens collected on opposite sides of "horizontal Frost ridging Ridge" approximately 1-2 KM due east of camp. Aug.

Festuca edlundiae
(in ITEX "site")
Sparse

Saxifraga oppositifolia
at Tanquary Fiord on flats near camp
3-4 August No white crystals.

5 August 1994 - 94-016
"Behind hill" approx. 1 km ESE
of camp. A very wet meadow
draining to the stream & used
for water at camp.
Growing in wet moss.

Festuca brachyphylla

One colour morph very like
F. edlundiae / F hyperborea

one tall morph teased out to
show branching "secondary stem"
branching

94-005 Sax. oppositifolia
Ellesmere, Tanquary Fiord Approx 1 km
from camp, "behind" hill where stream
used for water supply turns south
Shaded very wet meadow.
Plants growing in wet moss. had
obvious build up of lime around
hydathodes; some of the biggest crystals
seen.
Aug 6, 1994. S.G. Aiken

94-006. Poa hartzii (T. Fiord.

Plants dominant on bank between
two P.C.S.P. parkalls. Locally
common.
Aug 4, 1994 S.G. Aiken
L. Gillespie.

94-007 Scurvey grass
as above Cochlearia officinalis
Plants in moist zone beside
stream, below water intake
for camp
7 Aug. 1994

8 Aug. Cornwallis Island
Resolute Bay bank beside ocean
near Thule Site 94-009 Draba
Plants photographed by Hugh Gibbins.
LATE FLOWERING PLANTS IN SNOW
PATCH
Photograph of Flowering plant in
habitat, stages from flowering to
Fruiting in hand.

94-010 Draba
Was I fooled by a look alike

94-011 Draba

94-012 Saxifraga cernua
Photographed to show inflorescences weighed down with bulbils

94-013 "Proliferating"
Poa Plants growing in mossy snow patch

94-014 Poa abbreviata
"colour morphs"
Both growing in snow patch area: the green plants in deeper moss the more purple plants on shingle adjacent to moss

94-015 "proliferating Poa"
Plants growing as mono culture in gravel.
Photographed

94-015a used in photograph,

[94-016. - as above see 16
earlier flowering material next page]

94-008 Androsace septentrionalis
T. Fiord. Steep calcareous slope
Photographed close up of flower

94-016 Festuca baffinensis
photographed.
Obtained Tanquary Fiord
5 Aug. 1994 (see 2 pages back).

94-017
16 Aug.

94-018 Poa arctica Iqaluit

94-019 Poa glauca

94-020 Poa alpina

Photographed as Poa alpigena
Lynn Gillespie 5708

Photographed as var colpodea
94-016

94-021 Deschampsia paramushirensis
From behind Science Institute NWT

94-022 Arctagrostis latifolia

94-023 Trisetum spicatum

94-024 Puccinellia vahliana
1 Aug 1994 Iqaluit

94-025 Danthonia compressa?

94-026 Spartina pectinata

94-027 Andropogon gerardii
45°27'N 76°14'W.
4 Sept

94-028 Andropogon scoparius.

94-029. Sax. opp. Iqaluit.

94-030 Sax. flagellaris. Willd.
8. Aug. Resolute.

94-031 Juncus biglumis.
"

94-032 Sax. cernua. "

94-033 Sax tenuis. Sm

94-034 Cerastium alpinum L.
Resolute

94-035 Phippsia algida forma hirsuta

94-036 Poa x hartzii

97-001 Salix glauca ssp callicapaea
Baffin, Iqaluit Power Company Hill
opposite power company Plant ca. 45cm
high 23 Aug 1997
No voucher

97-002 Carex bigelowii Torr
Iqaluit Power Company Hill The
Dry sandy ground,

97-003 Carex nardina

?
97-004 Tofieldia pusilla
Baffin, Iqaluit Power Company hill
23 Aug 1997

97-005 Empetrum nigrum in berry
Baffin Iqaluit, Power Company hill
Growing over rock beside Cassiope
and with some Astragalus
(compact inflorescence) Festuca brachyphylla
and Hierochloe alpina 24 Aug 1997

97-006 Cassiope
with fruit capsules as above
24 1997

97-007 Saxifraga tricuspidata
as above Growing with Pyrola
on bare ground with lichens

97-008 Carex membranacea Hook
as above
growing in a sedge meadow dominated by this species, beside stream on hill 24 Aug 1997

97-009 Eriophorum
(3 heads) beside stream

97-010 Salix glauca, (?) callicarpaea
On hillside beside road
With Poa arctica and Hierochloe

97-011 Salix uva-ursi ✓? Growing ✓
over rock adjacent to yellow green Salix

97-012 yellow green Salix
with Hierochloe

97-013 Salix Grey green leaves
Voucher arctica

97-014 Salix herbacea ✓
Growing with S. reticulata in ~~snow~~ ~~[illegible]~~ in snow patch beside rock

97-015 Salix growing
over rock with ?

97-016
Oxytrapis magdelleana
growing in climax low arctic tundra

97-017 Salix arctophila
Leaves glabrous
growing with (?)
over rock in climax low arctic
tundra

97-018 Oxytrapis mag ?
voucher for photograph
Just behind the strand line
at Apex. 24 Aug 1997

97-019 Astragalus
as above
growing with Poa glauca and
Taraxicum

97-020 Salix herbaceae
With green leaves, at edge of
climax tundra and beach at Apex
With Festuca brachyphylla

arctica
97-021 Salix arctophila
Beside rock outcrop on fell
near Apex. Adjacent Salix
herbaceae suggested snow patch

scirpoidea
97-022 Carex male flowers

97-023 Carex Primocarex ♂ spikes
scirpoidea

97-024 Carex Primocarex ♀ spikes
24 A Carex scirpoidea Michx.
24 B

bigelowii
97-025 Carex Apex. beside rock in tundra
green margins

97-026 Carex glareosa
3 spikes beside rocks

97-027 Carex glareosa 63° 44'N
68·35'W isolated plant among rocks
growing occasional Salix herbacea + moss
lachenalii Schk.
97-028 Carex with snow
entrance to
Edge of ^ Sylvia Grinnell Park
Dry Sedge meadow

97-029 Carex bigelowii Torr.
In snow patch with Salix
herbacea + Polygonum ^
Poa arctica
97-029A Juncus.
97-030 Carex rariflora (Wahlenb.) Sm
~~Salt~~ Sylvia Grinnella park
Salt meadow with Dupontia

Salix arctica, Growing in sand

25 Aug 1997

97-031 Carex rariflora (Wahlenb.) Sm.
growing in Sphagnum moss
with Arctagrostis
+ occasional Eriophorum scheuchzeri

97-032 Luzula wahlenbergii Rupr.
S. G. park beside river
Wet meadow in dense moss
with Salix arctica on slightly
higher ground

97-034 Luzula (confusa) arctica
S. G. Park Dry stoney tundra
with Festuca brachyphylla
+ Arenaria (?) peploides

97-033 Saxifraga caespitosa L.
Isolated clump in dry stoney
tundra with Luzula 97-034
and A peploides

97-035 Carex glareosa Wahlenb.
var. amphigena
long straight leaves
Growing in salt meadow
with Puccinellia phryganodes
& S. papilloides

97-036 Carex subspathacea Wormskj.
Salt Carex meadow
dominant species
at tide line just above
Puccinellia phryganodes

97-037 Carex saxatilis L. ✓
Dominant plant in rock crevices
adjacent to a Poa "pratensis"
meadow

97-038 Carex ursina Dew
Isolated plant in sparse
salt meadow with limited
Puccinellia phryganodes &
P. [illegible]

97-039 Carex maritima ✓
Road side of road to S.G.
park Dominant in gravel
for a small zone beside the road

maritima
bigelowii
Eriophorum (3 heads)

97-040 Carex nardina var. atriceps Kük
26 Aug 1997.
Baffin, Iqaluit, top of hill near
old DEW-line site Isolated

plants in dry stoney tundra
Salix uva-ursi nearby.

97-041 Carex nardina var. atroceps
(Same as 97-040?) (hanger) Plants
growing below the top of the hill
in more "sheltered" site than
97046

Salix glauca callicarpaea sp(?) 27 Aug 1997
97-042 Igoalual Near top of
hill to old DEW-line site
Growing in disturbed ground
beside road. Plant "knee" high
25-40 cm tall.

97-043 Oxytropis
beside road at 97-042

97-044 Carex bigelowii
Dominant plant on edge of
road with Poa arctica

✓97-045 Salix uva-ursi ✓
Growing beside Salix arctica on a
rock outcrop at top of hill
Leaves turning orange in the fall
27 Aug 1997

97-046 Vaccinium
cranberry in fruit in stony
tundra with lichen and Cassiope
and Salix uva ursi

97-047 Bilberry growing in moss
with adjacent heather
leaves green berries blue
leaves red berries blue

97-048 Bear berry
Arctostaphylos

97-049 Carex scirpoidea ♂

Isolated plant growing in disturbed
soil at edge of tundra about
1/3 way up North 40 hill

97-050 Juncus biglumis castaneus
beside road in disturbed wet
habitat

97-051 Carex bigelowii

97-052 Juncus sp. in
growing on sandy island

97-053 Poa
Nunavut, Baffin Island, Iqaluit
Strand line behind museum
"yellow green" Poa beside
blue green Poa glauca

97-054 Poa glauca
Typical blue green Poa glauca
growing adjacent to 97-053 less
than 50cm apart.

97-055 Poa
Intermediate between 53 and 54

28 Aug. 1997 "near Crystal II"
97-056 Carex capillaris L.
Growing beside seepage runoff
with Salix arctica 97-050 in
stream ^

misandra R.Br.
97 057 Carex ^ fide ~~atrofusca Schkuhr~~
Growing at interface between
rocky tundra and small seepage
stream

97-058 Carex ^ more solid
as 97-057

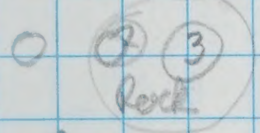
97-059 Carex glareosa
Many males adjacent to
97-058

97-060 Sedum decumbens
in fruit
Growing beside rock in stony tundra
with heather & Arctic willow

97-061 Carex
at Crystal 2 growing in dense mat of
Dryas with Salix reticulata
& Oxytropis sp. and moss. Unusual
site near white crystalline outcrop.

Transplant garden at Arctic College
28 Aug 1997
19 plants of F altaica surviving
13 flowered 1997 season
12 plants with 5 inflorescences
Garden becoming invaded with
Epilobium poppy (3)
Cerastium (1)
Sedge Carex nardina
22 Carex nardina 30 inflorescences

Festuca brachyphylla
2 Plants 30 cm tall



Very light green "large"

leaves 11 plants
Epilobium, Oxytropis may. Poa
arctica Poa glauca coming in
Cerastium alpinum

Plants growing vigourously; leaves
grey green, spikelets with ripe
seeds

Plant 3 in shade of rock - additional
moisture; very wide leaves
inflorescences purple, compact not
shedding seed - not evidence of
seed formation

* * *

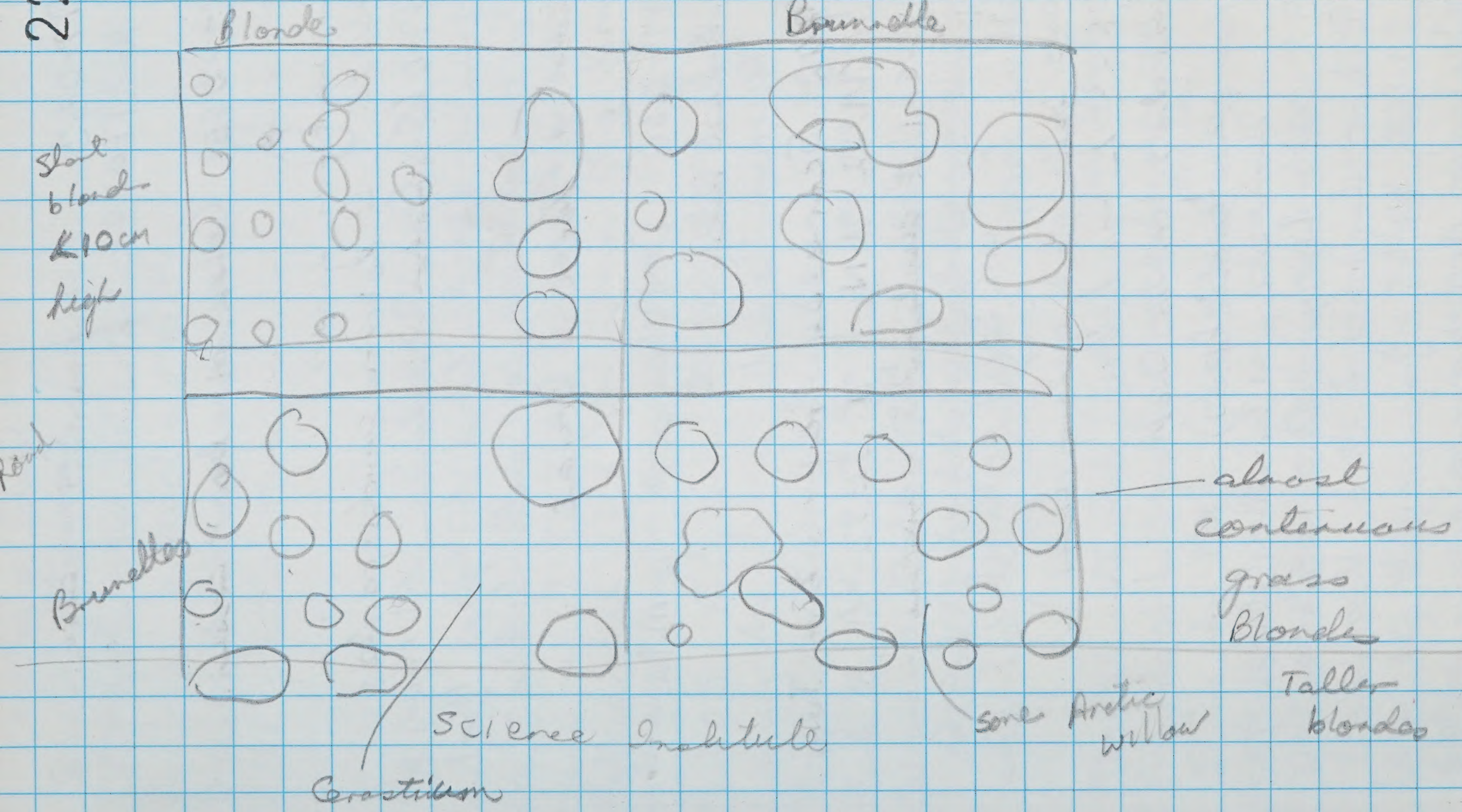
Behind Research Institute

Plants 10-15 cm tall

No red heads

Plants conspicuously shorter than
at Arctic College garden
More soil disturbed in making the
garden

97-062 Single head Carex
Trail to Apex Sedge meadow
Dry drainage channel
"single head" growing in crevices
and with Salix reticulata


Blonde
Brunella
Short
blonde
<10cm
high
Road
Brunella
almost
continuous
grass
Blonde
Taller
blondes
Science Institute
Some Arctic
willow
Crastilium

97-063 Carex atrofusca Schkurk
ab 97062

97-064 Carex membranacea

Kobresia myosuroides (Vill.) Fiori a Paol
97-065 ~~Carex ? nardina ?~~
growing beside trail to Apex
in sandy substrate with Salix
arctica uva-ursi + Dryas

97-066 Deschampsia pumila
Behind lal.
Ellesmere Island

1998 Scoresby Bay 23rd July
79°52·91 N / 71° 32·83 W

98-001 Pedicularis lanata Scoresby Bay
Dry, calcareous tundra, isolated group of 4-6
albino form with Salix arctica and
Carex misandra
plants purple plants growing nearby
98-002 — later
? Pedicularis lanata Cham. & Schlecht.

* New since Porsild (1957)

(Wormskj.) Wats.
* 98-003 Lesquerella arctica
SMALL ISOLATED plant on S. o. barren
23 July 1998 Growing in silt and gravel
calcareous, dry, low or no organic content
in flood plain

Ellesmere Island
Scoresby Bay
Dry, calcareous, patterned ground tundra
Sax. opp. gravel and silt
Dryas and Salix arctica + sax opp
Flood plane of river

98-004 Carex misandra R.Br. organic
islands with Pedicularis 98-002
Dry calcareous silt & gravel
organic mat of dead Sax. opp + Tiny
Salix arctica plant common near S.-o. barrens
roots much longer than plant is tall

98-005 Eriophorum scheuchzeri Hoppe
growing beside Carex aquatilis
Dry river floodplane
Plants 8-12 cm high
Calcareous silt, low organic content
seasonally wet meadow dried out
after very dry summer

98-006 24 July (Friday) Two labels
← Eriophorum angustifolium subsp angustifolium Honck.
Scoresby Bay
raised island in imperfectly drained
wet meadow. Calcareous area
Island silty with high organic content
of Moss, Polygonum & small Salix
arctica Plant growing in moss
98-006a vegetative specimen with long
root.

98-007 Polygonum viviparum L.
as 98-006

98-008 Puccinellia angustata (R.Br.)
Rand. & Redf.
at anthesis
calcareous gravel, low organic
content low, imperfectly drained
Flood plane

98-009 Silene uralensis (Rupr.) Bocquet
as 98-006

98-010 Carex aquatilis var. stans
Dominant in drained wet meadow
High organic content
reddish iron deposits on drained substrate

98-011 Pedicularis lanata Cham. & Schlecht.
Growing with Salix arctica on the
edge of a Carex aquatilis "island"
in drained wet meadow. High organic
content, calcareous, and silty,
imperfectly drained, Purple Flower-plant
from snow bed location
98-012 Juncus biglumis
"Island" in imperfectly drained
flood plain, calcareous, silt, low
organic content. Along river

98-013 Arctagrostis latifol. (R.Br.) Griseb.
on organic island in imperfectly drained
substrate, with moss, at edge of
Carex aquatilis dominated meadow

98-014 Salix arctica Pall.
♀ & ♂ plants 2.5M apart
Calcareous gravel silt tundra
low organic content dry tundra
isolated plants < 10% plant cover

98-016 Carex sp
acidic silt/clay/low organic
content, ~~hydrated~~ seepage slope
wet meadow isolated plant

98-017 Carex capillaris ?
Wet seepage slope clay
calcareous growing on small islands
of Dryas or Salix

98-018 Equisetum scirpoides Michx
Wet seepage slope growing in moss
beside standing water with
Eriophorum angustifolium (3-5)

98-019 Draba sp Growing beside
brook on wet seepage slope calcareous
associated with Sax opp. silt & gravel

* 98-020 Carex nardina
isolated plants on talus slope
calcareous, dry,

98-021 Puccinellia angustata (R.Br.) Rand
& Redf.
Flood plane of stream wet highly
calcareous silt, low organic
content. Isolated plants deep
green (purplish) with Alopecurus
alpinus

98-022 Alopecurus borealis (R. Br)
Flood plane of stream wet
calcareous silt, low organic
content. Isolated single stems.

98-023 Phippsia algida (Sol.) R.Br.

as 98-021 Isolated plants

lapponicum (Tolm.) Nordh.
98-024 Papaver radicatum Rottb.
as 98-021 isolated plants.

98-025 Caryophyllacea Arenaria rossii R.Br.
isolated plants on calcareous flood
plane, fine silt. low in organic matter.
tiny white flowers

25 July 1998

98-026

Ellesmere 79'25.94 N 75, 37.86 W

Carex maritima Gunn.

Saline meadow, halophytic, silt, low organic content, imperfectly drained seashore

98-027 Carex

Wet area near 98-028

Plants growing in moss, higher organic content than 98-026

98-028 Puccinellia

Dominant plant on saline shore mud flats as 98-026

second site

98-029 Puccinellia Nd α

Second site

Dry, calcareous, silt, very low in organic content, tundra near small marsh - possibly viviparous previous seasons flowering stem!

rupestris?

98·030 Carex scirpoidea? Michx

Dry calcareous, silt and gravel, low organic content, turfy tundra

Dominant plant

Dryas and Sax. opp + Salix arctica occasional

98-030a Sax. opp. growing in run off stream. Two morphological forms within 20 cm of each other Seepage slope, rock & silt

low organic content
Compact plant with leaves
above water has distinct lime
deposits Note long taproot

*98-031 Carex sax? ment
as 98-030 growing in running water
and a dominant species on small
islands along with Arctagrostis
latifolia and Salix arctica

98-032 Puccinellia vahliana
growing in water in runoff stream on
seepage slope Isolated plants

98-033 ~~Draba~~ Braya purpurescens
In frost crack with dark organic
material Dry gravel & silt tundra
calcareous

* * *

26 July Scoresby Bay? – 79° 29·13N, 75° 46·87W
As 98-033 plant. Flood plain of
braided river wet, calcareous
silt with low (no) organic content
⟨Mallie took photos of larger plant
with flowers⟩

Cerastium regelii Ostf

99-034 Stellaria longipes Goldie
as previous note
isolated plants growing with Sax opp
yellow anthers

99-035 Saxifraga cernua L
Calcareous gravel + silt, high organic
content, seepage area at base of
slope, Mogel-like frost boil tundra
Plants growing in moss with Alopecurus
alpinus and Papaver

99-036 Stellaria humifusa Rottb. ?
as 99-035 Plants growing in low
lying areas between frost boils

99-038a Stellaria longipes Goldie
99-035 as 99-035 Well established
plant growing on the top of a frost boil

93-037 Puccinellia angustata (R.Br.) Rand.&Redf.
as 99-035 Plants growing of top of
frost boil

SCA 98-038 Cerastium regelii

* 93-039 Cerastium alpinum L.
as 99-036 with small Salix arctica
and Saxifraga cernua

99-040 Draba aurea
as 99-036.

* 99-041 Saxifraga appositifolia L.
Ellesmere Island,
80·26·09N 69·23·85W
1600ft attitude in narrow valley
with steep valley. Limestone rubble
DRY gravel and fine gravel, no organic
content, very well drained
Collector Ulrich Mayr. Isolated and
only plant

NEAR John Richardson Bay 80-20-75N
27 July 1998 Ellesmere 71-20·59° W
* 99-042 Equisetum scirpoides Michx.
Run off brook, deep MOSS, high organic
content wet, plants growing in MOSS
seepage slope, along stream
Salix arctica, Polygonum viviparum
Dryas

98-043 Polygonum viviparum L.
as 98-042 Note long tap root

98-044 Puccinellia
Growing in wet moss beside
stream also with Draba

98-045 Silene uralensis
as 99-042, limited MOSS

98-046 Puccinellia
Growing sheltered from the prevailing wind on yellow silty substrate, dry, calcareous, low w/ organic content, near the face of a glacier

98-047 Draba (glabrous)
as 98-046, Several small plants

98-048 Draba (hairy)
isolated plant

98-049 Poa abbreviata R.Br
Growing in yellow silty substrate among bolders. Isolated plants
less than 5% vegetation cover
sparse Dryas. Single Lesquellia plant

98-050 Eriophorum angustifolium subsp angustifolium
Growing beside large bolder on rocky Honck. terrain beside runoff stream from glacier. Site relatively dry, calcareous
small quantity of organic material around rock

*98-051 Dryas integrifolia M. Vahl
Dry rocky tundra with occasional Salix arctica, Calcareous less than 10% vegetation cover

Lesquerella arctica (Wormskj.)
* 98-052 Lesquerella arctica Wats
as 98-051 Isolated plants in tundra. Larger flowering plant beside stream

98-053 Puccinellia
Very dry highly calcareous (with salt deposits on soil) tundra
No Dryas or Salix

98-054 Glabrous Braya purpurascens in Flower
Late blooming growing in the shelter of rocks beside a stream
with Draba aurea (yellow) Poa abbreviata and limited Sax. oppositifolia
Dry Calcareous, silt, possibly a late season snow patch

* * *

Samples J.C. Harrison samples
80° 13·9 N 72° 38·5' W
South facing slope on limestone mud in talus rubble. alkaline also willow

* 98-055a Erigeron eriocephalus J. Vahl
with Trisetum spicatum & Poa abbreviata

* 98-056a Potentilla

27 July 1998

1 Poa abbreviata
2 Puccinellia
3 Alopecurus alpinus
4 Arctagrostis latifolia
5 Carex aquatilis var. stans
6 Carex misandra
7 Carex nardina
8 Eriophorum angustifolium
9 Eriophorum Scheuchzeri
10 Draba alpina
11 Draba glabella
12 Cerastium alpinum
13 Silene uralensis
14 Stellaria longipes
15 Equisetum scirpoides
16 Dryas integrifolia
17 Salix arctica
18 Saxifraga oppositifolia
19 Lesquerella arctica

27 July 1998
80 2025 N
71 2059° W
John
Richardson
Bay.

Resolute 29 July 1998
Satellite Hill. Wet, calcareous gravel
limited organic content, seepage slope
98-055 ⓐ Saxifraga nivalis var.
tenuis.

98-056 Saxifraga cernua L.
Gravel, +silt calcareous moderate organic
content slope, imperfectly drained.

Sometimes with
Moss

29 July 1998
98-057 Pleuropogon sabinii R.Br.
Resolute: Shallow pond, 500m from P.C.S.P. BASE. Plants growing in shallow water

98-058 Saxifraga cespitosa L. as 98-056

Transplant garden Arctic College F. altaica
12 plants with 45 inflorescences
31 July 1998 10 plants struggling without inflorescences
No seed development could be felt but this is early in the season

98-059 Festuca altaica 31 July 1998 Iqaluit
Plants brought in from N.Y.N.P. in 1990 are persisting and flowering. Most are narrow leaft form. One flowering plant with wider, loosely inrolled leaves, the leaves of this plant rolled when being dried.
98-060 Festuca rubra
Probably from introduced seeds that have been planted in front of Arctic College
Plants growing in clumps of dead F. brachyphylla introduced in 1990.

98-061a Festuca brachyphylla introduced from Yukon 1990. Inflorescences with conspicuously spreading branches when compared to local F. brachyphylla plants.

98-061 1 Aug. 1998 Baffin Is
Nettilling Lake Nikko Island 66°35.54'N
Fishing camp in Koukdjuak River 71°30.92'W

98-061 Chrysosplenium tetrandrum (Lund) Fries
growing in moss and liverwort, nitrophilous
high organic content/peaty imperfectly drained
turfy tundra Tallest plants beside site of
garbage burning. (Photographed

98-062 Saxifraga hirculus subsp. propinqua (R.Br.) Simm.
Marshy peat, imperfectly drained wet mossy
meadow. Dominant plant with small
Salix and sedge

*98-063 Arenaria uliginosa Schleich.
MOSSY PEAT, HIGH ORGANIC CONTENT
relatively dry Dryas, Chrysosplenium
Salix arctica, Stellaria longipes

98-064 Stellaria longipes Goldie as 98-063
Mossy peat with Sax. opp. + Deschampsia
cespitosa & Carex rupestris

s.l.
*98-065 Deschampsia cespitosa (L.) Beau.
as 98-064 Heavily grazed by geese

98-066 Saxifraga oppositifolia L.
as 98-063 line visible as leaves at
time of collection

98-067 Salix reticulata L.
MOSSY tundra with Dryas and Stellaria longipes. Relatively dry

98-068 Saxifraga tricuspidata Rottb.
Mossy tundra slope beside beach ridge gravel, also growing in gravel. Pale green and green-reddish plants. Pale plants more common on white gravel of beach ridge

*98-069 Cassiope tetragona (L.) D. Don
growing in MOSS & Dryas, Relatively dry, moderate organic content tundra. Isolated clumps with pale green tips to the branches
98-070 Saxifraga cernua L.
Growing in gravel and MOSSY, relatively dry tundra, with Draba (hairy). Larger plants growing in shelter between two rocks
98-071 Poa arctica ? alpigena
Plants growing in shelter of a building
Dry, nitrophilous site, moderate organic content

98-072 Saxifraga cespitosa L.
Dry Growing ? well imperfectly drained MOSSY TUNDRA, beside dry gravel. high organic content, beside river

*98-073 Deschampsia cespitosa subsp brevifolia. Small plants on runway and in dry Dryas peaty tundra

*98-074 Carex misandra R.Br.
Dry peaty tundra growing in isolated clumps
or with Dryas. Sparse Salix arctica,
Draba, Cassiope

*98-075 Hierochloe pauciflora R.Br.
Wet mossy tundra with Carex aquatilis
Saxifraga hirculus (marsh yellow)
calcareous

98-076 Dupontia fisheri R.Br. Dupontia
ISOLATED single stem growing on mossy
"islands" in wet tundra with Carex
aquatilis

98-077 Carex aquatilis var stans
Stunted plants in mossy wet meadow
with sparse willow and Sax. hirculus

*? 98-078 Carex scirpoidea(?) Michx.
Growing at edge of mossy wet tundra

* 98-079 Salix arctica Pall.
Growing on mossy hummock with Dryas
Cassiope & Sax. opp. & Hierochloe pauciflora

*97-080 Arctagrostis latifolia (R.Br.) Griesb.
Single culms growing in mossy Dryas hummocks. High organic content
Tops chewed off by geese. Occasional patches dominated by this species occur on higher, drier ground

98-081 Dryas integrifolia M. Vahl
Dominant in dry gravelly tundra

98-082 Draba alpina L (yellow flowers tufts of simple hairs on leaves
Late flowering plants in peaty Dryas tundra in shelter of building. Isolated plants in

98-083 Hierochloe pauciflora R.Br.
Component of dense moss and mainly vegetative grass sod

98-084 Poa alpigena (Fr.) Lindm.
* as 98-083

98-085 Poa alpigena
tufted in gravelly dry tundra beside Stellaria longipes about 50 cm from clump of Poa "colpodea" 98-086
Highly disturbed area behind hut near rusting oil drum

98-086 Poa alpigena vegetatively proliferating

Poa colpodea (Fr.) Schol.

*98-086 as 98-085
Single clump with vegetatively proliferating
inflorescences

98-087 Draba alpina L
as 98082 leaves with sparse forked hairs

2nd Aug. 1998 Nikko Island
98-088 Eriophorum angustifolium subsp. angustifolium
isolated plants in wet mossy, peat areas in
patterned Dryas-Cassiope tundra
very sparse

98-089 Leucanthemum integrifolium (Richards) DC
Chrysanthemum (Metricaria) ambigua
Very sparse. Plants closely associated with
Dryas in Dryas-Cassiope patterned polygon
tundra (and Carex misandra)

98-090 Saxifraga aizoides L.
occasional in dry gravel with low organic
content in Dryas-Cassiope, Carex misandra
tundra Note long underground stem

98-130 Juncus biglumis L.
as 98-089 in clayey areas in Dryas-Cassiope,
Carex misandra tundra. Very sparse

*98-131 Carex saxatilis Nikko Island
Dominating zones at edge of pools. Ofte
a Slightly drier zone than Carex aquatilis
silty high organic content, imperfectly
drained, around margins of ponds. In
places heavily grazed by geese

*98-132 Senecio congestus (R.Br.) DC.
as 98-130

*98-133 Pyrola grandiflora Rad.
as 98-130

*98-134 Epilobium arcticum Samulss.
as 98-130

3 Aug. 1998
98-135 Alopecurus alpinus
Parts of two isolated clumps growing
in shelter between two buildings. These the
only plants of this species in the area. -
probably accidentally introduced
nitrophilous. Adjacent plants, growing in moss with Chrysosplenium
98-136 Festuca baffinensis
Large plant growing in gravel beside
building. Smallest plant growing in gravel,
middle sized plant growing in peaty
tundra

98-137 Poa alpigena var.
colpodea. Isolated plant growing between

ld oil drums

98-138 Poa alpigena var. colpodea
Plant with previous seasons inflorescences
Proliferating "spikelets" still attached and
sometimes with greenish propagules

98-139 ⓐ Poa alpigena ss and ⓑ Poa alpigena
var. colpodea growing together on either side
of a clump of Carex misandra. Proliferating
form less than 10 cm from non-proliferating
plants

98-140 Poa alpigena
Preanthesis plant growing in gravel, sheltered
area between oil drums a.

5 August, 1998 Nikko Island
98-141 Carex membranacea
Growing in moss on the tops of frost boil turf
hummocks, low organic content, seasonally
wet.

98-141a Cerastium alpinum
Only plants seen growing on bare patches
in Dryas dominated dry tundra, low
organic content.

98-142 Polygonum viviparum
(as) 98-141 conspicuously small plants, rare

98-143 Luzula (nivalis?)
as 98-141 Surprizingly rare on island

98-144 Salix arctica Pall. ?
Plants growing at junction between wet moss and grass areas near water and dry Dryas dominated frost boil tundra

98-145 Salix reticulata
as 98-144

98-146 Eriophorum callitrix?
A tight tussock growing on the edge of a frost boil. Nearby stunted plants of Eriophorum angustifolium

98-147 Senecio congestus
Much larger plants than 98-132
Site of garbage burning some years ago
Deschampsia cespitosa, Arctagrostis latifolia, Festuca baffinensis and Poa alpigena var. colpodea flourishing in the area.

98-148 Arctagrostis latifolia
98-147

149 Festuca baffinensis ✓
albino form. As 98-147

98-150✓ Festuca baffinensis
Purple form As 98-147 Many
flourishing plants

98-151 Poa alpigena var. colpodea
as 98-147 Inflorescences conspicuously
purple

98-152 as 98-151 Inflorescenses
green.

98-153 Carex "~~marina~~" glareosa Wahlenb.
Sylvia Grinell park Area influenced by
high tides. Plants prostrate
63° 44'N 68°35'W

98-154 Carex "~~lachenalli~~" ?glareosa
Sylvia Grinell Park on hillside facing
river Plants erect

98-155 Carex lachenalli Schkurh
as 98-154 second plant

DNA samples
98-001 Pediculeris (albina)
98-011 " purple
98-032 Puccinellia vahliana
98-028 P. "
98-029 P. "
98-023 Phippsia algida

98-137 98-140 98-085
98-152 98-138
98-139 b
98-139a
98-153, 98-154 98-155

Aulavik

99-001 Banks Island Nat. Park Green Cabin 29 June 1999. Beside Thomsen River
Pedicularis lanata in bud
Growing on silt river bank in Dryas
adjacent to Cassiope coming into bud
+ Carex rupestris
Sax. opp. smalliana photo
73°13'49'N; 119°32'12W
99-015 Oxytropis "nigrescens" var. uniflora as 99-001
Seed pods with seeds on tundra

30 June 1999 "Green cabin"
99-002 Draba ~~cinerea~~ cinerea Pash
as 99-09 cinera
Sandy gravel with Carex fuliginosa, moss
Oxytropis 99-015 & Potentilla On edge of river bank

✓ 99-162 Lesquerella arctica (Wormsk.) S. Wats
as 99-001 Sandy, low organic content
with Dryas + Carex fuliginosa

septentrionalis
Androsace ~~chamaejasme~~ var.
99-163 Saxifraga tenuis ~~arctica~~
lehmanniana
South facing slope of side stream
with two species of Potentilla + Draba
cinerea. Photo as 99-007

99-164 Draba cinerea Adams
Sparse on sandy gravel at edge of river
Often with Draba 99-002.

99-165 Draba (small, white flowers
subcapitata

99-166 Arenaria as 99-164.

99-167 Saxifraga oppositifolia
"Smalliana"
With red glandular hairs on sepals
Abundant on rocky & sandy barrens

99-168 Salix alaxensis (?) ✓
Growing to 35 cm high semi-erect in moist
depression in the tundra

99-003 Cassiope tetragona in bud
Sandy bank with Dryas & Sax. opp

99-004 Epilobium latifolium
New growth after winter die back
Sandy edge of slumping slope by river
30 June

99005 Dryas intergifolia
Flower buds with prominent
black hairs on the surface.
Abundant / Dominant on rocky & sandy
barrens
1 July 1999
99-169 Poa arctica ? subsp. williamsii
Sandy disturbed site 30 m south of
Green Cabin Identity confirmed on last year's
lemma hair distribution.

99-170 Saxifraga oppositifolia
forma reptans with glandular hairs on
sepals Plant trailing down a hollow in the
sandy bank beside the river

99-171 Carex scirpoidea ?
♂ × ♀ plants In Dryas mat with
Lesquerella Sandy barrens with
low organic content bisexual

99-006 Oxyria dygina
Growing in Dryas mat as 99-171

99-172 Trisetum spicatum
Growing on disturbed bank of river
No sign of new growth at this date this year

99-173 Artemisia "borealis" (richardsonii)
Common
On gravel bank of river Occasional in
sandy barren tundra

99-174 Salix
Very hairy under leaves Growing in wet depression
with Carex aquatilis var. stans
99-007 Androsace septentrionalis
99-008 Potentilla smooth leaves
South facing slope

99-009 Eriophorum vaginatum
Dominant in wet sedge meadow
on side of hill near camp

✓99-010 Parrya artica
On top of hill opposite camp

99-175 Saxifraga tricuspidata
Clay hummock on side of hill opposite
Green Calyx

99-176 Salix as 99-175

99-177 Cranberry ?

1 July 1999

99-178 Eriophorum angustifolium

99-179 Braya

99-180 Silene acaulis

SITE 2 1 July. Archeological site of interest 73° 30'.42" N 120° 21'03 W
Beside lake 80m elev.

㉚ 99-181 Cochlear officinalis
Flourishing inside archeological site Inuit style house.
~~Note plant 1cm across~~

㉛ 99-182 Cerastium "alpinum"?
Near entrance to "house" at Archeological site

㉜ 99-183 Silene longipes
Growing on earth mound surrounding house

㉝ 99-184 Draba glabella Pursh
Growing inside "house" at Archeological site

SHORAN LAKE
Site 1 1 July 73° 30.73' N 120° 21.13 W
Rocky silt, clay top of (higher land) hill
145m elev.

㉞ 99-185 Festuca baffinensis
㉞ Sheltered rocky silt higher land with Ranunculus.

37 99-012 Ranunculus

36 99-011 Oxytropis arctica Slides?
(two tone flower)
South facing slope near rocky sandy
barren Note stages from buds covered by sepals
with black hairs to flowering

1 99-186 Papaver
Rocky sandy barren on south facing slope

38 99-187 Alopecurus borealis
In frost crack near top of sandy gravel hill top
Growing in Dryas mat

1 99-188 Potentilla Silver leaves

99-189 Elymus alaskanus as 99-187

1 99-190 Festuca brachyphylla

2 99-191 Salix
Growing on hummock in wet meadow

2 July 1999 73°49·49'N 119°52·12W
Thomsen River Parkall for Renewable Resources
Puccinellia 99-194
43 Highly disturbed site sandy beside
river. Conspicuously green plants

July 2

Site 2 73° 49.56'N; 119° 54.00'W
Gravel Bar at confluence of Muskox
& Tomson Rivers 10m

Site 3 Muskox exclosure
73° 50.33'N; 119° 57.42'W
Muskox River Valley about 2.5km
from confluence with Tomson
South facing slope Elev. 30m

Site 4 Head Hill on side of Muskox
River Elev. 90m
73° 50' 14" N; 119° 59' 34" W

44
Arctagrostis latifolia.
99-192 Dupontia fisheri site 1
Dominant in standing water with moss
limited new season's growth at this date

45
99-193 Salix site 1
Growing in sand on river edge with bistort

43
99-194 Puccinellia sp? site 1
Growing in centre of highly disturbed site

46
99-195 Equisetum scirpoides site 1
* as 99-192. specimen on Banks Island

47
99-196 Armeria maritima site 1
Growing in sand near disturbed site.
Buds vivid reddish

48
99-197 Polemonium boreale site 1
Isolated plant with last seasons infloresence

49 99-198 Hedysarum
as 99-193 Flowers in bud note black hairs on sepals

0 ~~99-199 Draba cinera Adams~~
isolated plant on sand in ~~disturbed area~~

99-200 Pedicularis sudetica
Site 2 Growing in standing water at edge of Dupontia? dominated area of standing water

2 ✓99-201 Eriophorum angustifolium site 3
Dominant plant in sedge meadow grazed by muskoxen. Most probably the dominant plant in the Exclosure, but no evidence of flowering. Build up of ungrazed cover probably keeps ground cold & delays growth

53 ~~99-202 Carex sp. site 3
Growing on hummocks in Mesic meadow~~

99-203 Saxifraga nivalis site 4
Growing plant 10 feet below tops of hills Sparse plants in sandy soil. ~~Very different to S. tenuis 99-007~~

99-204 Ranunculus
as 99-203

56
99-205 Oxytropis maydelliana
as 99-203

57 99-206 Pedicularis (pale pink flowers)

Both albino & coloured flowers present
among Muskox skulls & debris
58 ✓ 3RD July 1999 Saturday
Large erratic Rock site 73° 48.17'N; 119°52.32'W
Petasites frigidus 99-013
Growing in seepage crack in Moss
with Ranunculus + cotton grass leaves
ASPEFR

59 Polar Bear Cabin 74 08.30'N; 119°59' 25"W
99-014 Arenia ? Moss ?
59
✓ 99-207 Luzula confusa
Growing in sand beside lake
Area less than 5% vegetation cover

60
99-016 Potentilla chamissonis ropoch
Facing sun as 99-207
60 4 July On Bank of Thomsen River Side stream
73° 16.67'N; 119.41.28'W
Eroding sandy bank
61 Anemone parviflora 99-017
Growing with grasses, Antennaria Legumes
not yet in flower
rnanpr

62
99-017 Plantago canescens as 99-017 plplca
018? septata

5 July Beside Tomson River 73°25'48'N
119°49.76'W

63 99-208 Ranunculus
Growing on sandy mound on high bluff with Cerastium + Saxifraga tenuis

6 July (Camp site)
64 73° 27.02'N; 119° 48.28 W site 1
site 2
South Facing slope 73° 29.23 N; 119° 58'.60'W

99-209 Carex nardina site 1 64
Common on Dryas tundra in open clay patches
uch chewed by Muskox. Only previous season
lowering stems. Plants in flower growing on higher
andy ledge. in warmer site

99-210 Puccinellia (site 1) 65
Conspicuously narrow leaves. Straw of previous
season standing erect. Occassional on clay
atches in Dryas tundra

99-211 Carex fuliginosa site 1 66
Extremely common in Dryas tundra. Rarely
with evidence of flowering

99-212 Antennaria site 1 67
Pussy-toes on sunny ridge 300m from river

99-213 Ranunculus Caltha palustris site 2 68
Growing in sedge meadow beside river

99-214 Arnica 69
Growing on south facing hummocky peaty
slope with Saxifraga cernua & Dryas
~~M~~ imperfectly drained
99-215 Asteraceae Senecio 70
as 99-214

99-216 Saxifraga cernua as 99-214 71

✓99-217 Pedicularis capitata as 99-214 72

99-218 Draba fladnizensis [illegible] 73
leaves
Common as white clusters on hillside 74

99-219 Brassicaceae Draba glabella
as 99-218. Sparse on moist hillside. Flowers 74
almost nodding
[Archeological site & Camp site]
7 July 1999 73° 31·95 N; 120° 4·87'N 75
✓99-220 Chrysosplenium tetrandrum New for area
Growing as single plants in moss in wet
Eriophorum angustifolium sedge meadow
99-019 Salix polaris? w/ scapo 76
Hummocky tundra with moss & Dryas + Arctagrostis

99-020 Senecio atropurpurescens 77
With Salix arctica in wet Eriophorum (peaty)
Arctagrostis, Dryas on hummocks as seat
99-221a Saxifraga cespitosa 79
Archeological site on hill above river

99-021 Silene sorensenis. Casiso 39

Alopecurus, Ranunculus, Sax. tricuspidata,

Sax. cernua Poa glauca additional 78

fertilizer from muskox remains around food

cache, Oxytropis Draba

~~99-221~~ Bladder campion Single flower 2

~~as~~ 99-221 ~~99-222a Poa abbreviata~~

99-022 Potentilla (silver leaves 80

on bare gravel as 99-221

99-023 Taraxacum pumilum as 99-221 81

alaskanum astaal

99-024 Luzula arctica 82

On snow patch hummocky ground with Dryas

Soil imperfectly drained, wet, clay

99-028 Equisetum arvense 83

Wet mud beside run off stream eqeqsc

99-026 Caltha palustris rncapa 84

Wet seepage area draining slope downward

by Eriophorum angustifolium meadow

99-221 Saxifraga hirculus as 99-026 85

Very sparse

99-027 Eriophorum angustifolium cyeran 86

as 99-026 Three stages of flowering & first

8 July Rain until 5pm. Canoed to

73°35.75 N; 120°02.78°W 87

99-222 Poa abbreviata Gravel Sandy hill top beside

river. Oxytropis, Potentilla

9 July as 8 July

99-225 Anenome parviflora as 88
99-029

99-029 Caltha palustris is seepage creek
running into river. Growing in water Photo ? otherwise delete ?
delete

? 99-030 Erigeron compositus 89
Till gravel sunny slope with Potentilla &
Oxytropis Aserco

99-031 Artemesia borealis as 90
(was richardsoniana)
99-030 Asarbo

99-032 Arenaria uliginosa 91
as 99-030 Caarul

99-033 Oxytropis nigrescens var. uniflora 92
as 99-030
Purple flowers fading blue.

| 99-034 Oxytropis 93
Flowers erects as 99-030
Growing in Dryas mat

99-035 Oxytropis campestris var. varians 94
Faoxcv
Pale pink flowers as 99-030

73° 36·2°N ; 120° 2·0'W
9 July South Facing peaty slope with
Dryas in flower Moss, Salix arctica
Alopecurus Festuca baffinensis Poa arctica

√99-223 Pedicularis capitata 95
Common in hummocky terrain Growing in peaty moss & Dryas

99-224 Carex scirpoidea
Sparse in hummocky terrain 96

99-224a Luzula arctica 97

99-036 Silene
Flowers erect often single flowers occasionally 98
More than one flower per stem. Species towards
Northern end of distribution

9-10 July Camp Site/
10 July 73°43.0N, 119°55.5W site 2
Sand dunes beside river
99-037 Polemonium boreale plpobo 99 ~~100~~
On sand dune ridges beside river Camp site 10 June
Dry Photographed general area

99-038 Crepis nana? ascrna 101
as 99-037 and growing adjacent

99-039 (Check photograph) Astragalus alpinus 101
as 99-037 cf 99-041
~~99-039a Taraxacum~~
99-040 Artemesia borealis in flower as 103
99-037
99-225 Anemone parviflora 104
99-226 Arenaria maritima (Photographed
Isolated plants in sand dune 105

10 July site 2
99-227 Festuca rubra subsp richardsonii
Growing on sandy cliff beside river
99-039 Astragalus alpinus 101
Growing on slope in sand dunes

99-041 Taraxacum . 108
on ridge in sand dune

99-042 Parrya arctica
two colours of flowers growing side by side 109

99-043 Erysimum pallasii 110
Isolated plants in sand dunes
044 Oxyria digyna albino form. 111

99-228 Poa arctica var. colpodea ?
Vegetatively proliferating inflorescences 112
developing. Plants with long rhizomes (DNA)

Thomsen River
July 10 Camp site 73° 46.0 N; 119° 56.7' W 113
99-229 Arctagrostis latifolia
growing on ridges around ponds in wet meadow

230a. stem in
99-230 Arctophila fulva 114
Growing in water in tundra ponds
New plant growth from tips of last years straw

July 11 as July 10. Photographed Arctophila
story 115
Pokipa
99-045 Hierochloe pauciflora
Growing on ridges in sedge meadow.
99-046 Carex aquatilis var stans 116
Small plants growing in moss by edge of pond
female spikes expose stigmas before male
flowers show anthers Gycaaq I3

99-047 Eriopharum callitrix 117
as 99-046

99-048 Cochelaaria officionalis bacoof 118
Wet sand beside run off stream in valley
Substrate sandy. Isolated plants

99-049 Cassiope tetrandrum 119
Common towards the base of the slope of a pingo

99-050 Arctostaphallos alpina 120
Reddish leaf and greenish leaf plants growing
on slope of pingo

99-051 Pedicularis capitata 121
abundant on sunny, sandy slope at base of
pingo. Carex nardina common in the area

99-052 Androsacea septrionalis 122
Common in sand near top of pingo
Growing with Potentilla, Poa glauca & Draba

Packera
99-053 ~~Crepis nana~~ 123
Growing in sand with Elymus near top of
pingo

99-054 Pedicularis arctica 124
(big pink) In shelter of ridge on pingo
Scpear

99-055 Erysium wallflower 125
Towards top of pingo in sandy

126

99-056 Ranunculus pedatifidus
as 99-055 rnrnpF

✓99-057 Plantago canescens 127
as 99-055

99-231 Elymus 128
as 99-055 growing with Potentilla

✓99-232 Poa alpigena ?
On top of pingo 129

99-233 Arenaria 130
as 99-048

99-058 Pedicularis ~~sudetica~~ arctica 131
"swirl top" Growing in Eriophorum angustifolium meadow near edge of water, Wet clay

99-059 Ranunculus 132
Growing on bare patch of clay near lemming burrow with Festuca baffinensis

99-060 Pedicularis 133
Growing on edge of frost boil hummock

99-061 Eriophorum callitrix 134
Meadow beside Arctagrostis latifolia
Low lying, peaty. Eriophorum angustifolium in zone on slightly higher ground

✓99-063 Pedasites frigidus 135
Growing in among Arctagrostis latifolia &
Eriophorum callitrix meadows Pink and
white forms about 50m apart

99-234 Saxifraga flagellaris 136
Dry sandy, with willow & Stellaria, Draba Open
flat area near top of hill

99-235 Erigeron 137
Side hill facing east with Ranunculus
Oxytropis arctobia, drier hummocky ridge

99-236 Bladder campion 138
Wet clay, hummocky area near mud flow
Pedicularis, Ranunculus

13 July Gravel Bar camp 139
73° 49.56' N; 119° 56.00 W'
99-062 Oxytropis purple fading to
blue flowers Dryas and sandy eroding
bank of Muskox River
Flowers that were erect are now prostrate on tundra
99-065 Papaver 140
Large clump of plants less then 15cm
high growing in sand

141
99-064 Dryas Flowers that have
shed petals

99-237 Puccinellia 142
Dry ridge of exposed soil west of camp site. Many grasses in isolated patches but no other plant families
pre-anthesis anther 1.5mm. lemmas glabrous cf 241

14 July 1999 Sachs Harbour
Between Parks Canada house and seashore

99-068 Castelegia scapa 143
reddish yellow flowers

99-069 Castelegia pallida 144
pale yellowish flowers

99-070 Phlox richardsonii plphri 145

99-071 Erigeron 146

99-072 Androsace chamaejasme 147
pranch

99-073 Equisetum 148

99-238 Matricaria ambigua 149

99-239 Brassicaceae 150
Descurainia sophioides
99-240 Puccinellia 151
Disturbed run off gully between Road and sea!

99-241 Puccinellia with purple 152
Leads glabrous lemmas anthers 1.5mm

99-242 Trisetum spicatum 153

99-243 Deschampsia caespitosa ssp. brevifolia 154

99-244 Festuca rubra subsp. richardsonii ~~arenaria~~

58
22 July 2001 Churchill Manitoba

01-001 Bartsia alpina (in fruit + in flower)
growing below Betula glandulosa (?)
dry meadow, sedge meadow
peat / high organic content

within 100 m from Churchill Northern Studies
Centre in taiga beside road
A & B = (S.G. Aiken & A.K. Brysting)
58°44°15 N; 93.49-09 W (NAD 25)
(570 species of vascular plants in area)

01-002 Achillea millifolium
dry, calcareous gravel with low
organic condent
growing with Trisitum spicatum and
the Gentian.
White and pink form growing within
a meader of each other

01-003 Epilobium angustifolium
dry, calcareous gravel with
low organic content

01-004 Trichoforum cespitosum
Seepage area, high organic content
imperfectly drained, moss

01-005 Andromeda polifolia
imperfectly drained, high organic
content, moss
at the edge of rocks.

01-006 Rhododendron lapponicum
high organic content,
together with moss and dryas
not too wet.

01-007 Pinguicula vulgaris in seed
growing in moss, lot of gravel
and stone around, not too wet

in flower: growing in a mossy
an wetter area with vaccinium
uliginosum an salix reticulata

01-008 Hedysarum mackenzii
gravel, dry calcarous gravel
with low organic content

01-009 Taraxacum lacerum
dry, calcareous gravel with low
organic content

01-010 Draba

dry calcarous gravel with low
organic content

01-010A Arabis arenicola var
pubescens
(with pink flowers)
dry calcarous gravel with
low organic content

01-011 23 July
Euphrasia –
Churchill, Bird Cove lowlands Growing with
sparse sedge in peat with little
competition + moss with Salix (small)

01-012 Betula as 01-001, Small
prostrate thicket beside tundra pool
58°45 N 93° 51 ~~9~~W
Plants 25-30 cm tall With old stems
2cm in diameter

C/(Potentilla) palustris
in dense wet Carex aquatilis
stand
Photographed with marker

58 45 05'N , 93 51 21'W

01-014 Rubus Cham
Growing adjacent to Carex aquatilis
swamp on raised lichen
Empetrum, Vaccinium uliginosum
dry tundra

01-015 Cerastium alpinum. L.
23/7/01
In disturbed calcareous gravel
just outside Northern studies centre.

01-016 Cerastium beeringianum Lange (?)
23/7/01 In disturbed gravel
outside the Northern studies center
against a concrete edge.

~~01~~ 24 July Churchill
01-017 Montia
Saline flat beside estuary of
Churchill River ½ km south of the port
Growing with Saliconia and Pucc. phrg
58° 44' 15 N 93° 49' 05 W
58° 45 N , 94° 10' W

01-018 Honckenya
58°44'15N, 93°17'08W
Saline flat beside estuary of
Churchill river ½km south of the
Port. Growing in sand/fine gravel
with some scattered plants of Plantago
and Polygonatum ??

01-019 Plantago maritima
Beside estuary in seepage saline pool.
Growing with Salicornia + 01-017
with stranded seaweed

01-020 Spergularia marina (?)
58°44' [illegible] N, 93° [illegible] W
Saline flat beside estuary of
Churchill River ½ km south of the
Port Growing with saliconia,
Plantago maritima, Plantago ...,

01-021 A (Potentilla egeri
growing between Salt meadow of Pp
and Leymus mollis

01-022 Stellaria
(Purplish red stems blue green leaves
Growing in Salt meadow with fine
leafed- Carex
Muddled Records in rush to get to lecture

01-027 Ranunculus pygmaeus
Growing under Puccinellia pumila

and in zone with 2 species of Gentians
Stellaria present
Petals yellow to fading to white

01-023 Gentianella tenella
Lomatogonia
01-023a " propinquum (?)
Larger
Growing in slightly raised and
drier mound in the salt meadow
with Puc. pumila

01-024 ? Seedling Pigweed?
Growing on exposed mud with few
other plants adjacent to dense mats
of Stellaria

humifusa (?)
01-025 Stellaria — on mud flats
prostrate 10–15 cm stems
01-022. Same Stellaria growing in
standing water with Carex subspathacea
erect 10–15 cm

01-020 Tiny Arenaria 1–3 cm high
white Flowers

01-026 Tiny Caryophy. Purple
flowers. Spergularia marina ?
Growing on black peaty (sticky) mud
near Gentianellas

01-018 Hockenya – at high tide line

25/7-01

01-028 Lemus mollis
Churchill, Beech Bay, at the Airport signal south of town
Disturbed gravel
58°44' 30N
94°08' 06 W

01-029 Gentiana tenella?
individual plants common in sparse gravel. Plants 5-10 cm tall
Flowers partially open

01-030 Castilleja septrionalis (?) or raupii
Growing on edge of gravel with Leymus, Hedysarum Buttercup and willow
Dry; low organic content

01-036 Potentilla rubi

01-036 Potentilla rubicaulis with hairy tips

01-037 Potentilla nivea Green on top silver underneath

01-038 Potentilla pulchella silver white on both surfaces

01-031 Stellaria longipes
with black capsules
in disturbed gravel together with
Alchillea millium, Pontentilla pulchella,
Poa glauca and Calamagrostis sp.

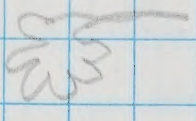
01-032 Sagina nodosa
in disturbed gravel with scatted
plants of Alchillea millium, Poa glauka
stellaria longipes and minuartia
rubella

01-033 Parnasia palustris

01-034 Minuartia rubella
as Sagina nodosa (01-032)

01-035 (Potamogeton filiformis)
In small tundra pond with
Carex aquatilis margin + meadow
with Salix

01-039 Ranunculus in water R. gmelini(?)
leaves



(01- Lomatium in meadow beside
stream 4 & 5-merous

01-040 Ranunculus White flowers
Divided leaves
Finished Film

FILM 10

01-041 Potentilla ? Churchill Station as 01-001
Growing with P. pulchella small plant. Much less hairy on undersurface of leaf than adjacent larger plants of P. pulchella Second plant with 3- and 5- pinnate leaves on same plant

01-042 Potentilla pulchella 30-70 cms on either side of 01-041
(Photographed

01-043 Potentilla rubicaulis growing about 1m from P. pulchella

01-044 Stellaria longipes s.l
"S. Edwardsii"
Growing in calcarous gravel just outside the Center.
ciliated sepals; sparsely pubescens on the internodes and pedicels.
In habitat photo growing in the slope (looking more sunburned) whereas S. longipes s.s. was growing at the top. (all glabrous, glabrous non-ciliated petals)

01-045 Yellow crucifer

After the (yellow crucifer:
More photos of "Stellaria Edwardsii"
Trying to show ciliated petals
+ pubescent internodes / pedicels
(though not very successful!)

01-046 - 01-058 In Anne Back +
Computer adjacent to Oil tank farm
Coral Harbour 64 08'N 83 10'W
AROUND HAMLET 28 July 2001
01-059. Dupontia fisheri s.l.
on dry moss and willow habitat. Plants
to 30 cm high growing beside wetter
area with 'Arctophila' and Dupontia
to 50 cm high 64° 08-05'
Limited Eriophorum scheuchzeri. 83° 10'
Cardamine pratensis Sax. rivularis

01-060 Arctophila fulva growing in
imperfectly drained mossy area

01-061 In Arctophila dominated
habitat
Hippuris ? Epilobium arcticum Cardamine
pratensis
01-061 Cardamine pratensis in
high wind

01-062 Sax. hirculus at edge of
Dupontia / Poa Arctophila meadow

in flower and forming fruit.

01-063 Hippuris vulgaris growing in
Arctophila meadow
imperfectly drained but no standing water

01-064 Hippuries vulgaris
stand in mud flat next to a
small lake, next to an
Arctophila fulva stand.

01-065 Chrysosplenium
with fruits
In Arctophila meadow near the lake
together with Stellaria humifusa

01-066
29 July 2001 Bladder Silene uralensis
Dry Salix arctica Campion
64°8'·13·0 W 83·9·53'
Sax hirculus
Pedicularis stunted
Dupontia

01-067 Myriophyllum sibiricum
small

01-068 Potentilla nivea growing among
rocks with Epilobium latifolium
Sax cernua Sax. tricuspidata
Draba

Changed Film

01-069 Ranunculus ped (?)
as 068

01-070 Minuartia rubella as 68
(4 and 5 petals)

01-071 Juncus arcticus and
Salix arctica on imperfectly drained muddy
beach slope
Senecio congestus + Alopecurus borealis
nearby

01-072 Pedicularis sudetica
Growing in imperfectly
with Salix arctica + Carex aquatilis
Arctagrostis latifolia

01-073 Carex subspathacea
Pucc. phryg.
Cochlearia Stellaria humifusa
& Rocky shoreline Areas with dry
organic substrate with moss

01-076? Pucc phryg in flower

01-074 Montia
Green and red plants growing at the
high tide level within 50cm of each
other
Growing with Pucc. phryg. Carex sub.
Cochlearia

01-077 Cochleana officinalis
as 01-073 (Closer-up first).

01-075 Cerastium beeringianum
Rocky shore line,
Dry organic substrade with moss
30 July 2001 New Battery New Film
01-078 Matricaria ambigua
growing beside Inn's North building
Grave yard
01-079 Papaver
Nadleopara Kudlak

01-080 Cerastium arcticum

01-081 Arabis alpina graveyard.
Young pods yellow green, older pods
turning reddish pink

01-082 Carex williamsii on a slight mound
growing under Salix lanata, in imperfectly
drained black muck rich in organic
content. Plants sparse, below old grave
yard.
01-082a Salix from 01-082 site

01-083 Carex glareosa ? growing at
edge of site 082 in transition zone
between former pad and tundra

01-084
Carex scirpoidea ♀
Close up

01-085 Juncus arcticus meadow
Plants growing with Tofieldia
(white flowers + Moss + Salix just above
high tide line, Rhizomes in lines

01-086 Sax cernua
Western Hudson Bay form Not nodding
Mound in Carex aqu. meadow
Lemming burrows Poa

01-087 Cardamine pratensis
Growing on dry gravel mound in Arctophila
fulva meadow with Sax cernua
and Epilobium ang
Lacy leaves visible on tundra

01-088 Epilobium ang. as 01-087
with Stellaria humifusa + Cardamine 01-087
01-089 Carex glareosa
Adjacent plants are compact
One with long culms

01-089 Carex glareosa
Two forms growing adjacent in
near high tide line in Saline
meadow

01-090 Senecia congestus
Stressed (?) small plants near high
tide line on mud flats

31 July Salliq 01-091
2 Dupontia habitat pictures
Carex capillaris growing on mounds
in hummock-hollow dry tundra with
Salix herbacea, Dryas, Tofieldia
Salix arctica Dry with organic content
Arctagrostis latifolia
Between grave yard & Tank Farm
Changed Film to Film 19
01-092 Tofieldea with Carex fuliginosa
Close-up + Arctostaphyllus + Dryas

01-093 Arctostaphyllos
Close-up green berry + later red buds
at end of branches of Salix herbacea 01-093a
01-094 Carex membranaceous
Close up 3 Stigmas Plants 12-20cm
high growing in snow patch tundra with
Salix herbacea and

01-095 Pedicularis flamea
in moss with Arctostaphyllos &
Tofieldia + Dryas + Carex fuliginosa
Red
New buds on Arctosphy. can look like
willow catkins 01-095a /

Scoresby Bay List

Salix arctica
Eriophorum scheuchzeri
Dryas integrifolia
Losquerella arctica
Carex misandra
Silerene uralensis

MARK MALLORY - meet Coral Harbour
CWS
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(RANKIN) = KANGIQliniq.
Ka NGI i NAK

01-096 Ranunculus K/s 3 petals

01-097 Oxytropis borealis var Hudsonica "Rock garden between Northern store & beach with Dryas + Salix Dry calcareous clay & gravel among rocks

STUDENT FINISHING
MASTER'S DEGREE, INTERESTED
in Botany.

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Photo-journalist
Hugh Gibbins
c/- ANN & NORMAN Gibbins
R.R. 1 ROCKWOOD
ON N0B 2Z0
UNTIL Nov. 1996
c/- University of Calgary
Dept. of Archeology
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$700-800/ From Toronto

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Marathon
time
Thurs - MON
over
1 July

32 K Arctic Bay
110-120 people. / Decide in January

Resolute

Greatest rainfall in 24 hours
25.1 ML.

Rainfall. MM 52.7 MM
annual.

SNOW FALL CM 83.8 CM
EXTREME IN 24 HOURS 13.2 CM

PREVAILING WIND NNW.
IN JULY W
SPEED 20.8 KM
PEAK 108 KM.

RAIN DAYS	JUNE	3
	JULY	8
	AUG	8
	Sept	1

Degree days

Sunday 9th Thule site F. hyperborea
+ print film photographs

Mon. 10th Arctic Bay

Cook at Scoresby Bay,

DOROTHY EDWARDS
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E.C. Pielou 1994
A Naturalist's Guide to the Arctic
University of Chicago Press
Chicago. 60637

Mon 20 July 1992 To: Iqaluit

Tues 21 July To Resolute

Wed 22 July To Melville

Thurs 23 July 1992 Polar Bear Pass
Paired plants set up
Soil moisture

Fri 24 July Helicopter around Northern Bathurst
Temp readings 1st

Fri 25 " Vouchers + Temp readings (2)

Sat 26 " Soil moisture + temp readings (")

Sun 27. Griding.

Mon. 28 Pack up + to Resolute.

Tues 29 Processing

Wed 30 LIN South Abbot River 2 HR

Thurs 1 Weathered - WRITING

Fri 2 Creswell Bay. Sommersel 2½ HRS

Sat " Cameron Island, Hazard Inlet 5½ HRS

Sun 2. Weathered - walked to dump
Svoboda in town.

Mon 3 BADLY WEATHERED 3+ hours WITH Svoboda
WORKED UP TEMP. DATA

Tues 4 STILL WEATHERED LEARN QPRO FROM
CLAUDE LAVINE. WORKED UP
SOIL MOISTURE DATA

Wed 5 DEVON.

Thurs 6 Weathered → RADIO ROAD

Fri 7. Sun out 2pm Plant in shade 7:30pm
STARTED Anthesis

Sat 8. Radio ROAD + New species

J. Wm Kerr 1974. Geology of Bathurst Is. Group and Byam Island, Arctic Canada
M. 378 Geological Survey of Canada

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